

WHAT IS CLAIMED IS:

- 1, A stamper used for injection molding of an optical disk substrate by using a resin material, wherein an anti-corrosion film comprising any one of alloy selected from the group consisting of a nickel alloy, a silver alloy and a copper alloy is formed on the surface of the stamper contacting with the resin material.
- 10 2, A stamper according to claim 1, wherein the nickel alloy comprises nickel as a main ingredient and one or more element selected from the group consisting of ruthenium, copper, phosphorus, magnesium, chromium, gold, silicon, titanium and silver, is added thereto.
- 15 3, A stamper according to claim 1, wherein the silver alloy comprises silver as a main ingredient and at least one element selected from gold or copper is added thereto.
- 20 4, A stamper according to claim 1, wherein the copper alloy comprises copper as a main ingredient and at least one element selected from silver or titanium is added thereto.
- 25 5, A method for manufacturing the stamper used in the injection molding using the resin material, characterized in that said method comprises steps of: using a mold for the stamper on which convex shape corresponding to concave shape

to be formed on the surface of the stamper contacting with the resin material, is formed; forming an anti-corrosion film made of an alloy selected from the group consisting of a nickel alloy, a silver alloy and a copper alloy on the surface of 5 the stamper manufacturing mold on which the afore-mentioned convex shape is formed; laminating a metal layer on said anti-corrosion film by means of an electroplating method; and subsequently separating both said metal layer laminated on the anti-corrosion film together with the anti-corrosion film 10 from the stamper manufacturing mold at the same time.

6, A method for manufacturing the stamper used in the injection molding using the resin material, characterized in that said method comprises steps of: using a mold for 15 manufacturing the stamper on which concave shape corresponding to convex shape to be formed on the surface of the stamper contacting with the resin material, is formed; forming an anti-corrosion film made of an alloy selected from the group consisting of a nickel alloy, a silver alloy and 20 a copper alloy on the surface of the stamper manufacturing mold on which afore-mentioned concave shape is formed; laminating a metal layer on said anti-corrosion film by means of an electroplating method; and subsequently separating both said metal layer laminated on the anti-corrosion film and the 25 anti-corrosion film from the stamper manufacturing mold at the same time.